

(57) Abstract: This invention relates to a corrosion-resistant aluminum conductive material comprising an aluminum material consisting of aluminum or an aluminum alloy and a conductive film formed on the surface of said aluminum material wherein defects in the conductive film are substantially sealed off by a hot water treatment or a steam treatment and to a process for producing a corrosion-resistant aluminum conductive material which comprises forming a conductive film on the surface of an aluminum material and subjecting to a hot water treatment or a steam treatment thereby substantially sealing off defects in the conductive film. This invention makes it possible to substantially seal off the defects unavoidably developed on the surface of the conductive film without harming the excellent properties of the aluminum material and provide excellent corrosion resistance even when the the thickness of the conductive film is small.